

The China Mail.

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號二十月二十年八十八百八千一英

HONGKONG, SATURDAY, DECEMBER 22, 1888.

日十二月一十年子戊

PRICE, \$2 PER MONTH.

AGENTS FOR THE CHINA MAIL.

LONDON:—F. ALGAR, 11 & 12, Old Broad Street, E.C. 4.
STREET & CO., 30, Cornhill, E.C. 4.
GOSCH, Ludgate Circus, E.C. 4.
HENDY & CO., 37, Watlington, E.C. 4.
SAMPSON, DRAGON & CO., 150 & 154, Leadenhall Street, W. M. WILKES, 151, Cannon Street, E.C. 4.
PARIS AND EUROPE:—ANDRE PRINCE & CO., 36, Rue Lafayette, Paris.
NEW YORK:—ANDREW WIND, 21, Park Row.
SAN FRANCISCO and American Ports generally:—BRAD & BLACK, San Francisco.
AUSTRALIA, TASMANIA, AND NEW ZEALAND:—GORDON & GOSCH, Melbourne and Sydney.
ORLEANS:—W. M. SMITH & CO., THE ASTORIAN CO., Colombo.
SINGAPORE, STRAITS, &c.:—SAYLE & CO., Square, Singapore. C. HARRISON & CO., Malacca.
CHINA:—H. A. DE CRUZ, Swatow, Quilich & Co., Amoy, N. MOORE, Fanchow, Hedon & Co., Shanghai, LAKE, CRAWFORD & CO., and KELLY & WATSON, Yokohama, Kobe, CRAWFORD & CO., and KELLY & WATSON.

Banks.

NOTICE.

RULES OF THE HONGKONG SAVINGS BANK.

- 1.—The business of the above Bank will be conducted by the Hongkong and Shanghai Banking Corporation, on their premises in Hongkong. Business hours on week-days, 10 to 3: Saturdays, 10 to 1.
- 2.—Sums less than \$1, or more than \$250 at one time will not be received. No depositor may deposit more than \$2,500 in any one year.
- 3.—Depositors in the Savings Bank having \$100 or more at their credit may at their option transfer the same to the Hongkong and Shanghai Banking Corporation on fixed deposit for 12 months at 5 per cent. per annum interest.
- 4.—Interest at the rate of 3½ per cent. per annum will be allowed to depositors on their daily balances.
- 5.—Each depositor will be supplied gratis with a Pass-Book which must be presented with each payment or withdrawal. Depositors must not make any entries themselves in their Pass-Books but should send them to be written up at least twice a year, about the beginning of January and beginning of July.
- 6.—Correspondence as to the business of the Bank if marked *Hongkong Savings Bank Business* is forwarded free by the various British Post Offices in Hongkong and China.
- 7.—Withdrawals may be made on demand, but the personal attendance of the depositor or his duly appointed agent, and the production of his Pass-Book are necessary.

For the
HONGKONG & SHANGHAI BANKING
CORPORATION,
T. JACKSON,
Chief Manager,
Hongkong, September 1, 1888. 764

HONGKONG & SHANGHAI BANKING CORPORATION.

PAID-UP CAPITAL, \$7,500,000
RESERVE FUND, \$4,000,000
RESERVE LIABILITY OF PROPRIETORS, \$7,500,000

COURT OF DIRECTORS.
Chairman—HON. JOHN BELL-IRVING.
Deputy Chairman—W. H. FORBES, Esq.
O. D. BOTTOMLEY, Esq.
W. G. BRODIE, Esq.
H. L. DALRYMPLE, Esq.
J. F. HOLLIDAY, Esq.
HON. B. LAYTON.
J. S. MOSES, Esq.
L. FORBES, Esq.
H. A. SIBES, Esq.
E. A. SOLOMON, Esq.

CHIEF MANAGER.
HONGKONG, THOMAS JACKSON, Esq.
MANAGER.
SHANGHAI, EVERETT JACKSON, Esq.
LONDON, BARRETT, London and County Bank.

HONGKONG.
INTEREST ALLOWED.
On Current Deposit Account at the rate of 2 per cent. per annum on the daily balance.
On Fixed Deposits:—
For 3 months, 3 per cent. per annum.
" 6 " 4 per cent. " "
" 12 " 5 per cent. " "

LOCAL BILLS DISCOUNTED.
Credits granted on approved Securities, and every description of Banking and Exchange business transacted.
Drafts granted on London, and the chief Commercial places in Europe, India, Australia, America, China and Japan.

T. JACKSON,
Chief Manager.
Hongkong, September 4, 1888. 1863

Intimations.

NOTIFICATION.

CUSTOM HOUSE,
Kowloon, 20th Dec. 1888.

ON TUESDAY NEXT, the 26th Instant, being CHRISTMAS DAY, and on TUESDAY, the 1st January, 1889, being NEW YEAR'S DAY, this OFFICE and the OPTIC EXAMINATION HALL will be CLOSED to the transaction of all business; but Work at the CUSTOMS STATIONS will proceed as usual.

F. A. MORGAN,
Commissioner of Customs.

NOTICE.

JET'S SANITARY COMPOUNDS
COMPANY, LIMITED.

THE Undersigned have this Day been appointed SOLE AGENTS for the sale of these *Jet's Sanitary Compounds*, and are prepared to supply quantities to suit Purchasers, at Wholesale Prices. Extra special terms for Shipping and large orders.

W. G. HUMPHREYS & CO.,
Bank Buildings,
Hongkong, October 1, 1888. 1862

Business Notices.

CHRISTMAS 1888.

LAND CRAWFORD & CO.

ARE NOW SHOWING THEIR NEW STOCK OF
FANCY GOODS AND DELICACIES
SUITABLE FOR THE FESTIVE SEASON.

CHRISTMAS AND NEW-YEAR PRESENTS.

Handsome Centre-Pieces & Table Flower Sets.

Fancy China Tea Sets
Figure Ornaments
Festive Flower Holders
Festive Table Lamps
Exquisite Art productions in Table Flower Sets
Ornate's newest Flower Bowls & Specimen Glasses
Porcelain Menu Tablets
Fancy China Tea-pots, Creams and Sugars
Pretty Table Bells and Gongs
Paper Kites and Toys
Gift and Crystal Flower Holders
Bracket Mirrors
Toilet Table Sets
Pamper Grass Holders
Nickel & Gilt 'Tantalus' Spirit Frames

Enamelled & Onyx 'Tantalus' Spirit Frames
New Opera Glasses
Fancy Vases
Cut Crystal Perfume Bottles
Nun and Moni Holders
Onyx Cabinet Frames
Onyx and Fancy Inkstands
Onyx Blotters
Onyx Writing Sets
Onyx-ware in a variety of pretty presents
Cigar Stands and Cabinets
Library and Drawing Room Inkstands
Nail Sets in Cases
Ladies' Carriage Companions
Watch Stands

NEWEST FANCY LEATHER GOODS.

Cigar and Cigarette Cases
Cabinet Albums
Table Portrait Stands
Newest Portrait Albums
Tourist Writing Cases

Boudoir Writing Cases
Fancy Blotters
Photograph Table Screens
Letter and Paper Racks
Photograph Boxes

LADIES' HAND BAGS AND SACHETS.

Perfume Bottles in Cases
Fitted Dressing Cases
Fitted Travelling Bags
Birthday Books
Autograph Albums
Music Bags
Music Holders
Handsome Jewel Cases
Deutch Boxes

Writing Desks
Pocket Books
Date Cases & Barometers combined.
Card and Note Cases
Ladies' Work Baskets & Boxes
Bookstands and Letter Cases
Glove & Handkerchief Sachets
Toilet Necessaries

Pocket Pencils and Watch Chains.
Fancy Stationery.
Newest Photograph Frames.
Dessert Papers.
New Nickel Cabinet Frames
Scissors in Fancy Cases.
Menu and Guest Cards.
Purses and Portemonnaies.
Bouquet Holders.

New Painted PHOTOGRAPHS ON OVAL.
THE LATEST DESIGNS IN FANCY LAMP AND CANDLE SHADES.
SILVER-MOUNTED MEERSCHAUM AND BRIAR PIPES.

Cigar and Cigarette Holders.
Cigar Cutters.
Electric Lighters.

Tobacco Boxes.
Fancy Tobacco Pouches.
Smokers' Fancy Goods.

Smokers' Tables.
Ash Trays.
Cigar-box Locks.

'The Manillas.'

(The finest Manila Cigar procurable, in splendid condition.)

CHILDREN'S TOYS, NEWEST MECHANICAL TOYS, WORKING STEAM MODELS, IN-DOOR GAMES FOR YOUNG AND OLD.

CHRISTMAS DECORATIONS:—

Fancy Boxes for X'mas Trees.
Illuminated Heads.
Festive Surprise Boxes.
Flags and Banners.

Coloured Wax Candles.
Magne Sprays.
Magic Bouquets.

Tree Candle Holders.
Confectionery Boxes.
Holly and Mistletoe Wreaths.

COSQUAGES:—

Tom Smith's and Woods' newest Crackers, containing:—Head-dresses, Jewellery, Toys, Mottoes, Luggage, Poetry, Sweets, Dresses, Mountains, Games, and all the latest fun.

BOOKS:—

A SPLENDID ASSORTMENT OF HANDSOMELY BOUND VOLUMES, SUITABLE FOR PRESENTS.
Special attention has been paid to this department, and this year's assortment has been carefully selected to suit every variety of refined taste.

CHURCH SERVICES, PRAYER BOOKS, HYMN BOOKS, BIBLES AND TESTAMENTS.

Children's BOOKS, The Latest NOVELS, MAGAZINES AND ANNUALS.

Christmas and New Year Cards.

NEW MUSIC.

ALL THE NEWEST SONGS, DUETS AND PART SONGS,
ALL THE LATEST DANCE MUSIC,
ALL THE MODERN DRAWING-ROOM SOLOS AND DUETS,
CLASSICAL MUSIC.

Comic Songs ... Violin Solos ... Sacred Music
Popular Music ... Standard Music ... Violin and Piano Duets
VOLUMES:—Volumes of Songs, Volumes of Piano Solos, Volumes of Dance Music, and Volumes of Classical Music.
OPERAS:—Vocal Scores, Piano Scores, Violin Scores.

A HANDSOME TABLE FOUNTAIN.

ELECTRO-PLATED NICKEL SILVER WARE.

In all the latest designs.

AND EVERY DESCRIPTION OF TABLE PLATE.

A GOOD SELECTION OF ARTICLES, IN SATIN-LINED MOROCCO CASES, SUITABLE FOR PRESENTS.

Christmas Wine List:—

AYALA & Co.'s CHAMPAGNE.
L. C. & Co.'s & CUTLER PALMER'S CHOICE PORTS.
SACCOONE'S SHERRIES, MANZANILLA, AND AMONTILLADO.
ADET SEWARD & Co.'s BORDEAUX WINES:—
MEDOC, HAUT TAULEN, St. ESTELLE, MARGAUX, CHATEAU LAURE and CHATEAU LAURET.
BOCKES, BURGUNDIES AND SAUTERNE.

BRANDIES:—COGNAC, HENNESSY'S, EXTRA No. 1, and very Old LIQUEUR BRANDY, 1848 Vintage.
WHISKIES:—THE CARLTON, NAPIER, JOHNSTON'S, LANE, CRAWFORD & Co.'s Special 'Teacher's', DUNVILLE's, and Choice Old BOURBON.
RUM, GIN, and LIQUEURS.
BITTERS:—ANGOSTURA, BOKERS, ORANGE, CHIBETTA, ALE and PORTER.
Assorted Cases of CHRISTMAS WINES AND SPIRITS.

Christmas Delicacies.

New Season's PUDDING FRUITS in Bulk.
SOUPS:—Real Turtle, Mulligatawny, Ox-tail, Giblet, Clam Chowder, Soup and Bouilli, Hotch Potch, &c., &c., &c.
FISH:—Sardines in Oil, Citron, Tomatoes and Butter, Whitebait, Trout, Anchovies, Oysters, Tamarind Fish, Macassar Red Fish, Harengs and Mackerels as vin Blanc, Pickles, Salmon, Outlets, Salmon Kippers, Finesse Haddock, Digby Chickens, &c., &c.

PATENT PRESERVED LAMBS.
GAME AND PATRIES:—Boar's Head, Wild Duck, Paté de Foie Gras, assorted Game and English Patties, Rabbit and Omelette, French Pates, Grouse, Truffled Chicken in Jelly.
TONGUES:—Smoked, Coddard, Picnic, Lunch, Spiced, Paysande, Pig's Russian Ox.
SUNDRIES:—Apple Sauce, Brandy, Assorted, Fig's Feet, Sage and Onion Stuffing, Tripe, Potted Meats, Canned Peas, Carrots, Raisins, Spices, Minced Corned, Currants, Olives, French and English Vegetables, Black Leicestershire Mince, assorted Pickles, Tobacco Sauce, Flavoured Jellies, Salad Cream, French Vinegar, French Mustard, Stuffed Olives, Lyons Sausages, Wiltshire Bacon, &c., &c.

DESSERT FRUITS:—Fruits in Syrup, Noyau and Brandy; Crystallized Fruits, French Plums, Jordan Almonds, Orange, Lemon and Vanilla Creams, Cutting's Dessert Fruits, assorted Tart Fruits, Metz Fruits.

NEW SEASON'S MOSCATELS, SMYRNA FIGS, ARTIES, ELIAS PRUNES.
NUTS:—ALMONDS IN SHELL, BRAZIL, PEANUTS, FILBERTS, AND BARGELONA.
PLAIN PUDDINGS AND MINCEMEAT.

HUNTLEY & PALMER'S CHRISTMAS CAKES.

FINEST SELECTED YORK HAMS.
Wiltshire—Cured side Bacon and Bath Chops.

CHEESE.

GORGONZOLA, GLOSTER, ALBERT, ROCHFORD, AND STILTON.

HUNTLEY & PALMER'S 'CHRISTMAS' & ASSORTED BISCUITS.

JOE WAPLES.

CONFECTIONERY.

FANCY BONBON BOXES.
FANCY CHOCOLATES AND CHOCOLATE CREAMS.
COSQUAGES.

Hongkong, December, 1888.

LANE, CRAWFORD & Co.

Business Notices.

THE HALL & HOLTZ CO-OPERATIVE COMPANY, LIMITED.

NOVELTIES

IN ALL
DEPARTMENTS.

CHRISTMAS.

NOVELTIES

IN ALL
DEPARTMENTS.

THE HALL & HOLTZ CO-OPERATIVE LTD.

Hongkong, December 14, 1888.

Victoria Hotel,

Praya and Queen's Road Central, Hongkong.

THIS Extensive and well-appointed Establishment, situated in one of the most central and airy positions in the Colony and commanding a splendid view of almost the entire harbour and within five minutes' walk of the principal Government Offices (including the Post Office), Banks, &c., has recently been much enlarged and improved and is now one of the principal Hotels in the place. The ROOMS are spacious, well ventilated and have just been refurnished in a most comfortable and handsome manner, suited to the requirements of the Far East. The Accommodation and Service of every kind will be found to be of the best description. An ample and varied TABLE D'HOTE is always provided and served in the spacious, large DINING HALL. The HOTEL also contains handsome and comfortable Reception, READING, BILLIARD and SMOKING ROOMS. The HOTEL is unsurpassed for comfort, convenience and quick service. Continental languages are spoken.

Messrs. DORABJEE & HING KEE,

Proprietors.

Hongkong, September 16, 1888.

W. POWELL & Co.

EX STEAMSHIP PESHAWUR.

FURTHER SUPPLIES OF NEW GOODS,

SUITABLE FOR Christmas Presents.

W. POWELL & Co.

VICTORIA EXCHANGE, December 17, 1888.

NEW GOODS.

TALL SILK HATS.
" DRAB FELT HATS.
BLACK, BROWN, DRAB and GREY HARE FELT HATS.
Tweed and other Soft Felted Hats and Caps in new shapes.
STRAW and PITH HATS.
SILK UMBRELLAS, from \$5, over 10s to choose from.
WALKING STICKS, a very large assortment.
WATERPROOF COATS, LEGGINGS and CHAIN APRONS.
TRAVELLING KITS and SCOTCH MANS.
OVER COATINGS, light and heavy.
OVER COATINGS, Ulster Tweeds.
Fine Black DIAGONAL and CHECKS for Dress Suits.
Black, Blue and Brown Fancy and Check DIAGONAL COATINGS.
Fancy and Check TWEED SUITINGS.
TACOSERINGS, in a great variety of Stripes, Checks, &c.
CHECKING FLANNELS, in White Dress Suits.
French Printed FLANNELS.
Unshrinkable FLANNEL SHIRTINGS.
Winter, Medium and Summer UNDER VESTS and PANTS.
READY-MADE ULSTERS in STOCK.
Solid LEATHER PORTMANTEAUS.
OVERLAND TRUNKS, GLASS-GLASS BAGS, and a variety of TRAVELLING CASES, all sizes.
SILK & HOSE, Black, Navy and Colours.
Lamb's Wool, Merino and Lisle Thread & HOSE.
White Dress SHIRTS.
Lacing & E. S. BOOTS and SHOES.
SHOOTING BOOTS, RUBBER BOOTS.
Patent Leather Boots and SHOES.
DRESSING PUMPS, all sizes.
LARGE BOOKS of SCARFS, TIES, HANDKERCHIEFS, BRAIDS.

ROBT. LANG & Co.

Hongkong, February 21, 1888.

Shipping.

Steamers.

FOR KOBE (DIRECT).
The Steamship
Antonio
will be despatched for about the 25th Instant, at Daylight.

For Freight or Passage, apply to
ADAMSON, BELL & Co.,
Agents.

Hongkong, December 21, 1888. 2167

FOR NEW YORK.
The Steamship
Lennox
Captain THORNTON, will be despatched for the above Port on or about the 26th Instant.

For Freight or Passage, apply to
ADAMSON, BELL & Co.,
Agents.

Hongkong, December 18, 1888. 2141

FOR LONDON VIA SUEZ CANAL.
The Steamship
Glen Line of STEAM PACKETS.

For Freight or Passage, apply to
ADAMSON, BELL & Co.,
Agents.

Hongkong, December 18, 1888. 2141

FOR LONDON VIA SUEZ CANAL.
The Steamship
Glen Line of STEAM PACKETS.

For Freight or Passage, apply to
ADAMSON, BELL & Co.,
Agents.

Hongkong, December 18, 1888. 2141

FOR SHANGHAI.
The P. & O. S. N. Co.'s
Steamship
Said
will leave for the above place about 24 hours after her arrival with the outward English Mail.

R. L. WOODIN,
Superintendent.

P. & O. S. N. Co.'s Office,
Hongkong, December 17, 1888. 2132

FOR MARSEILLES.
The Steamship
Paris
shortly due here from Japan, will be despatched for the above Port on or about the 28th Instant.

For Freight or Passage, apply to
A. R. MARTY,
Agent.

Hongkong, December 21, 1888. 2166

Shipping.

Steamers.

OCEAN STEAMSHIP COMPANY.
FOR SHANGHAI VIA AMOY.

(Taking Cargo & Passengers at through rates for NINGPO, CHEFOO, NEW-CHANG, TIENTSIN, HANKOW and Ports on the YANGTZE.)

The Co.'s Steamship
Dionet,
Captain BIZLEY, will be despatched as above on THURSDAY, the 27th Instant.

For Freight or Passage, apply to
BUTTERFIELD & SWIRE,
Agents.

Hongkong, December 20, 1888. 2152

THE CHINA SHIPPERS' MUTUAL STEAM NAVIGATION COMPANY, LIMITED.

FOR LONDON VIA SUEZ CANAL.
The Co.'s Steamship
Oupack,
J. C. JACQUE, Commanding, will be despatched as above on or about the 2nd Proximo.

For Freight, &c., apply to
ARNHOLD, KARBERG & Co.,
Agents.

Hongkong, December 20, 1888. 2163

NAVIGAZIONE GENERALE ITALIANA (FLORIO & ROBERTO UNITED COMPANIES).

STEAM FOR SINGAPORE, PENANG, BOMBAY, ADEN, SUEZ, PORT SAID, MESSINA, NAPLES, (LEGHORN), and GENOA; all MEDITERRANEAN, ADRIATIC, LEVANTINE and SOUTH AMERICAN PORTS, up to CALLED. Taking Cargo at through rates to PERSIAN GULF and BAGDAD.

The Co.'s Steamship
Serra,
Capt. OBOABA, will be despatched for the above Ports on or about the 20th Instant.

At BOMBAY the Steamers are discharging in PRINCE'S DOCK.

For further particulars regarding Freight and Passage, apply to
CARLOWITZ & Co.,
Agents.

Hongkong, December 18, 1888. 2142

Shipping.

Steamers.

DOUGLAS STEAMSHIP COMPANY, LIMITED.

FOR SWATOW, AMOY & POOCHOW.
The Co.'s Steamship
Hedon,
Captain ROACH, will be despatched for the above Ports on SUNDAY, the 23rd Instant, at Daylight.

For Freight or Passage, apply to
DOUGLAS LARRAIK & Co.,
General Managers.

Hongkong, December 21, 1888. 2164

Intimations.

NOTICE.

LADY DES VOEUR'S AFTERNOON RECEPTIONS at Government House will recommence on MONDAY, January 7th, and will be continued on every subsequent Monday until further Notice.

Hongkong, December 21, 1888. 2163

CHRISTMAS HOLIDAYS.

IN accordance with Ordinance No. 6 of 1875, the Undermentioned BANKS will be CLOSED for the Transaction of Public Business on TUESDAY and WEDNESDAY NEXT, the 25th and 26th December.

For the 'Chartered Mercantile Bank of India, London and China.'
JOHN THURBURN,
Manager, Hongkong.

For the 'Chartered Bank of India, Australia and China.'
T. H. WHITEHEAD,
Manager, Hongkong.

For the 'Hongkong and Shanghai Banking Corporation.'
T. JACKSON,
Chief Manager.

For the 'Comptoir d'Escompte de Paris.'
CHARTREY INCHBALD,
Agent, Hongkong.

For the New 'Oriental Bank Corporation, Limited.'
E. W. RUTTER,
Manager, Hongkong.

Hongkong, December 21, 1888. 2165

NOTICE.

A SECRETARY is WANTED for the HONGKONG GENERAL CHAMBER OF COMMERCE. Applications to be addressed to the CHAIRMAN, on an early date.

Hongkong, December 20, 1888. 2150

THE EAST BORNEO PLANTING COMPANY, LIMITED.

NOTICE TO SHAREHOLDERS.

THE Transfer BOOKS of the Company will be CLOSED from the 21st to the 31st Instant, both days inclusive.

By Order of the Directors,
H. SHEPPARD,
Secretary.

Hongkong, December 19, 1888. 2146

CANTON INSURANCE OFFICE, LIMITED.

NOTICE TO SHAREHOLDERS.

IN accordance with Section 18 of the Articles of Association, the General Assembly, with Approval of the Managing Committee, will on the 1st January, 1889, issue INTEREST WARRANTS of 50 per SHARE, PAYABLE at the HONGKONG and SHANGHAI BANKING CORPORATION, the same being at the Rate of 10 per cent. per annum on the Paid-up Capital of the Office for the year 1888, and Notice is hereby given that in Order that the same may be adjusted the Transfer BOOKS of the Office will be CLOSED from the 18th to the 31st Instant, both days inclusive.

JARDINE, MATHESON & Co.,
General Agents.

CANTON INSURANCE OFFICE, LIMITED.

Hongkong, December 17, 1888. 2135

Share Lists will close at 4 p.m. on the 26th of December 1888.

Dated the 11th day of December 1888.

must be borne in mind that each floor is usually let separately, there being no stairs down the back of the houses.

Even the roofs are very generally used for various purposes, such as drying and airing of goods, and for manufacturing various articles of food, dyeing and bleaching of cloths, and the immense amount of manufactures which require light and air. Strutines on the roof are common, and the usual connection for the urinal of each floor is the down pipe from the roof.

The minute description and careful plans given by Mr. Shackleton of Chinese houses, and the fact that the Chinese are adopting any such refinement of sanitary science as the Separate System involves.

The lanes and streets dividing the houses are also very narrow, and a large amount of dirty water and refuse is thrown into the streets, and consequently finds its way into the drains.

Mr. Chadwick remarks:—"Washing and other domestic operations are conducted on the street walks."

The multifarious occupations, all necessitating the production of refuse and garbage, which are carried on in a Chinese street, would astonish the stranger, unaccustomed to the modes and habits of Chinese life; the consequence being, that the streets are necessarily in a dirty condition, and to allow the washings from these streets to be carried into the drains, is to carry rain water and all unpurified with ventilators.

Unaid of itself very soon cause a nuisance.

Mr. Robert Rawlinson says:—"The duplicate systems of sewers are seldom required. The sewer proper would then be utilized at the flushing and cleansing given by the street water during falls of rain, and the street washing off land, ditches, roads, and gutters are first to be removed. However, the main cause may be as polluted as the sewage the rain sewers."

In a paper printed in the Minutes of the Institution of Civil Engineers on the sewerage of Towns on the Separate System by Mr. A. E. White, the following remarks occur:—"It probably is necessary in almost all cases (in order to avoid an unnecessary and complicated arrangement of sewer-branch drains) to admit the water from back

Continue in the next page.

